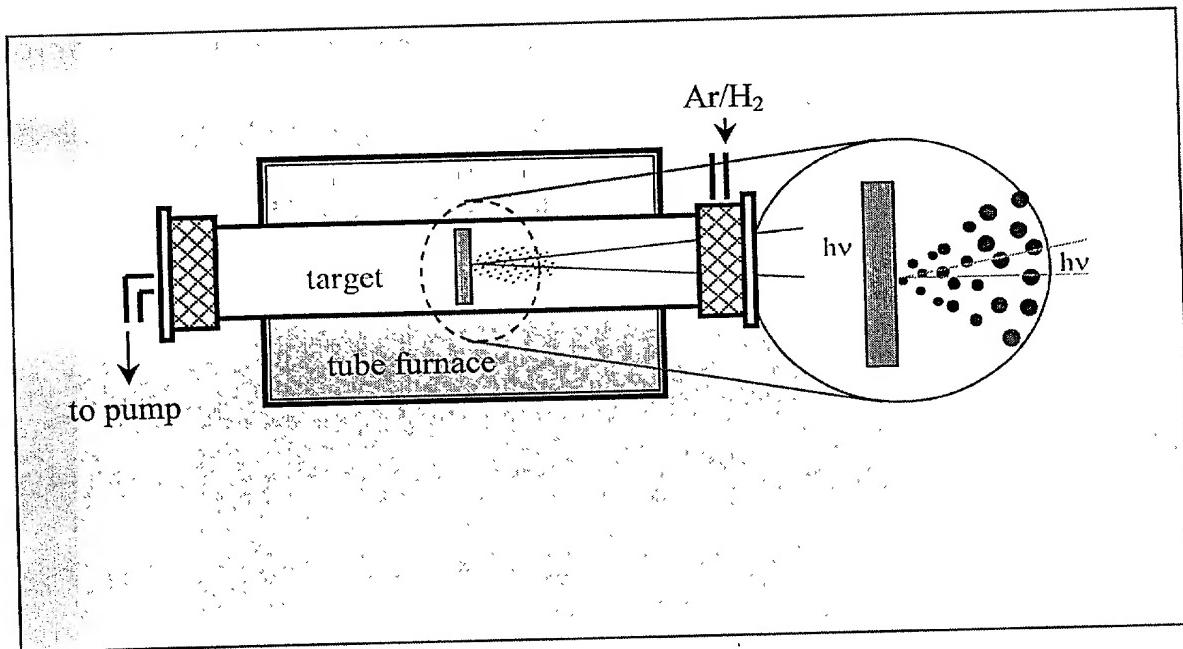
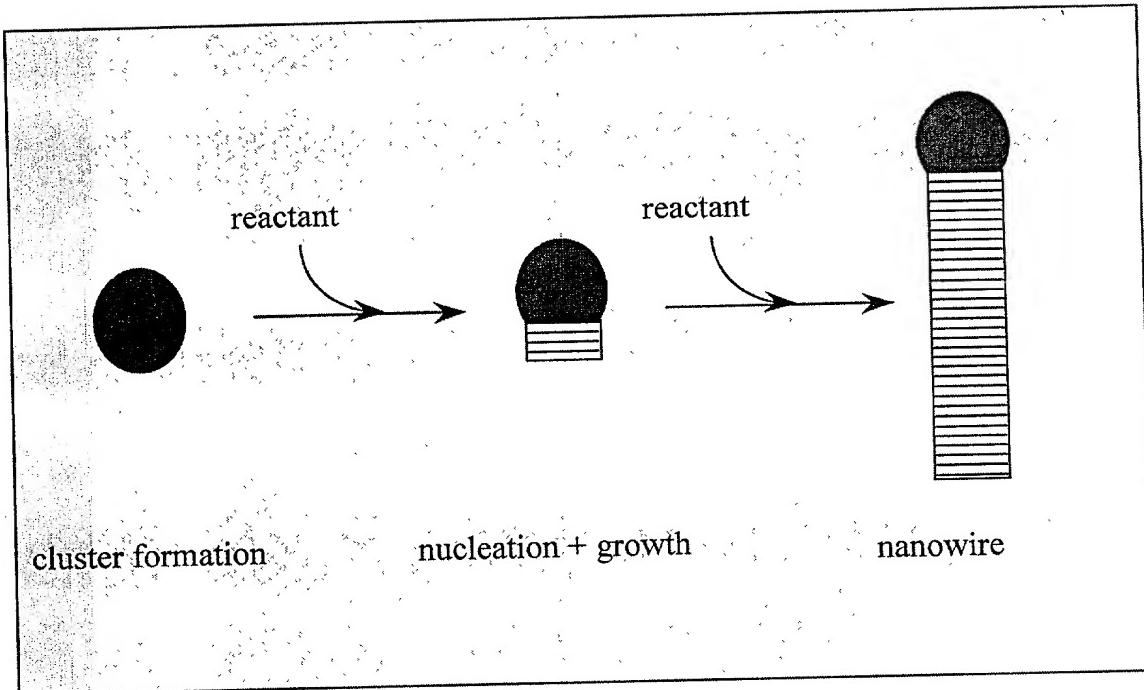


**FIG. 1**



**FIG. 2**



**FIG. 3**

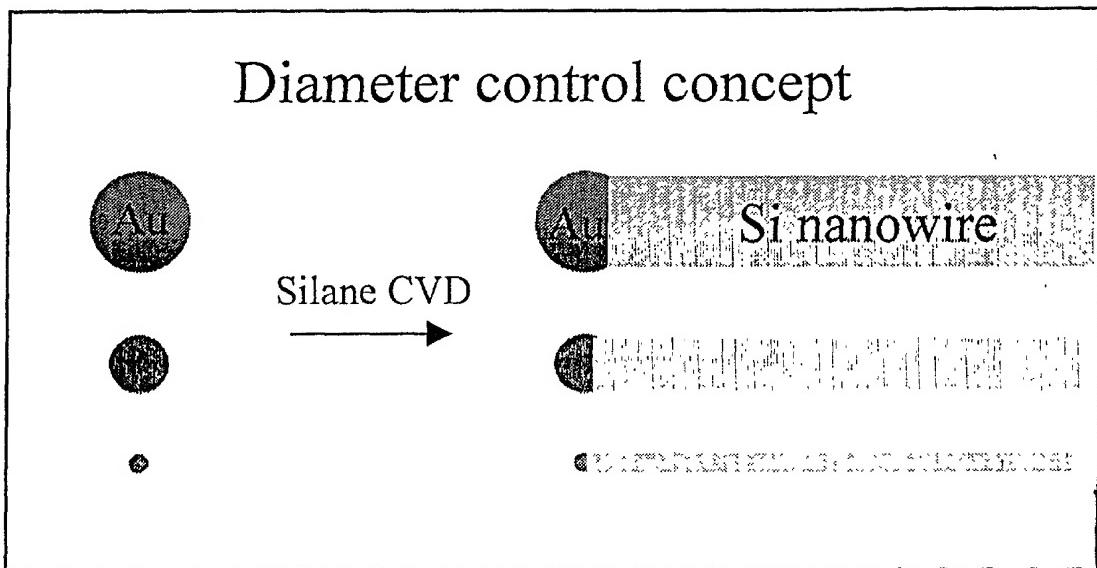
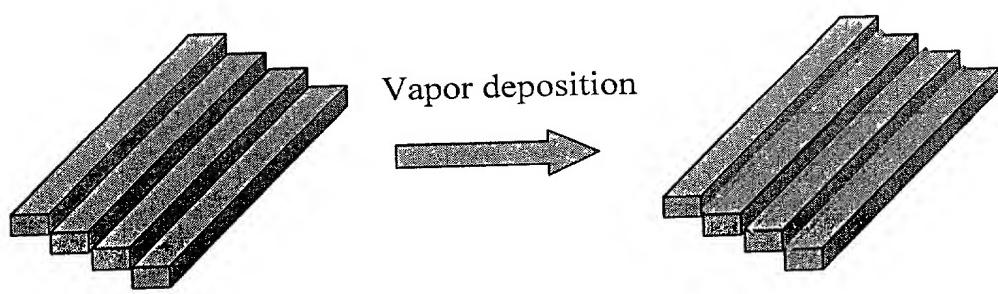
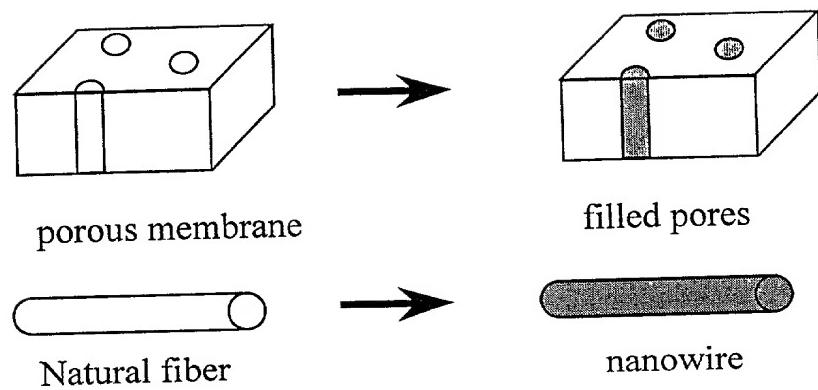


FIG. 4



**FIG. 5**

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**FIG. 6**

# Orthogonal Assembly of Semiconductor Nanowires

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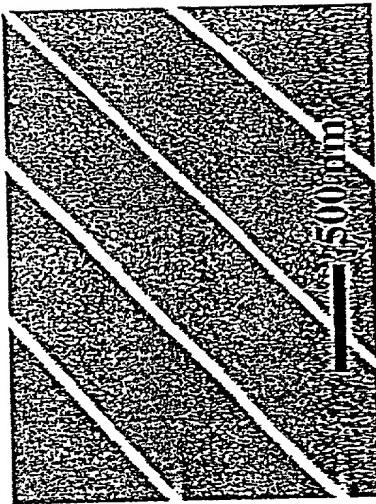


FIG. 7B

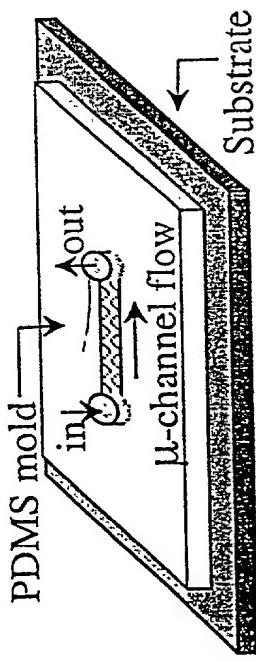


FIG. 7A

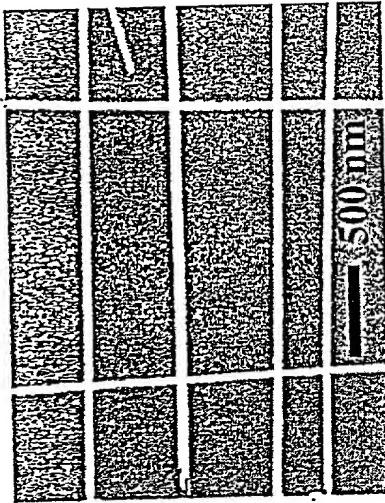
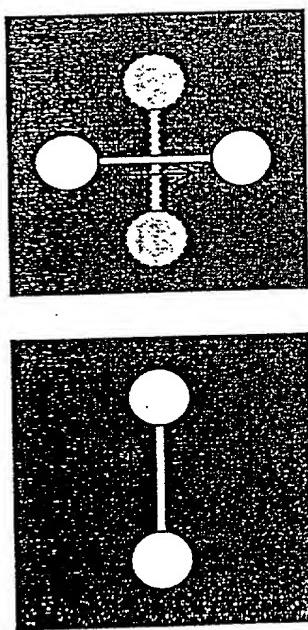
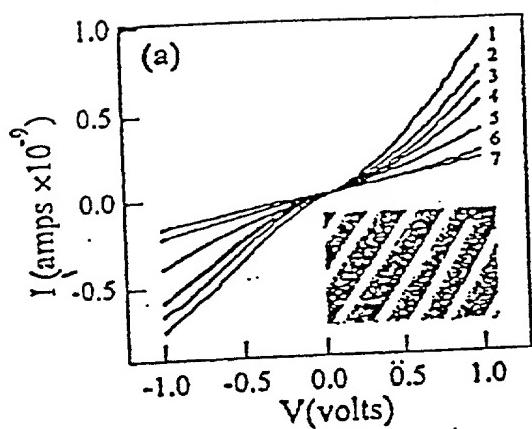
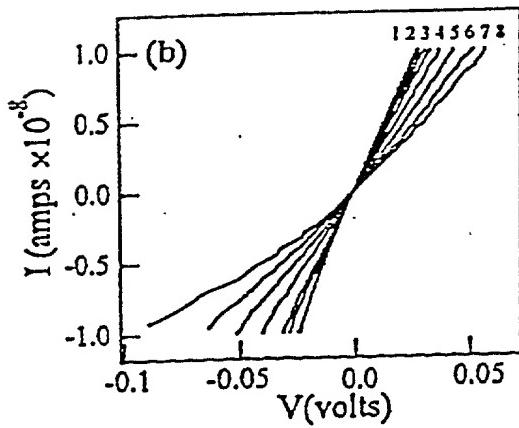
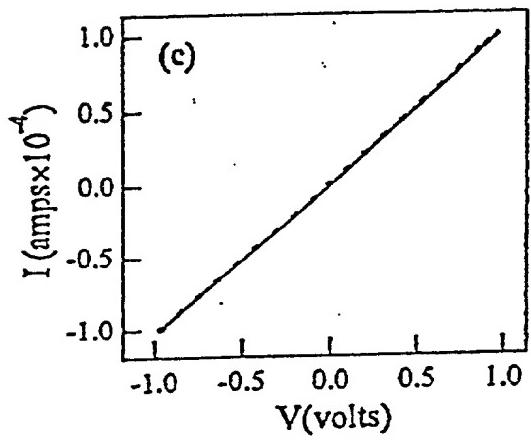
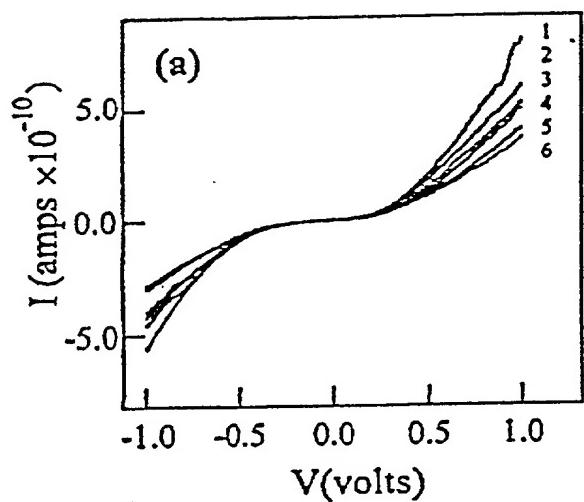


FIG. 7E

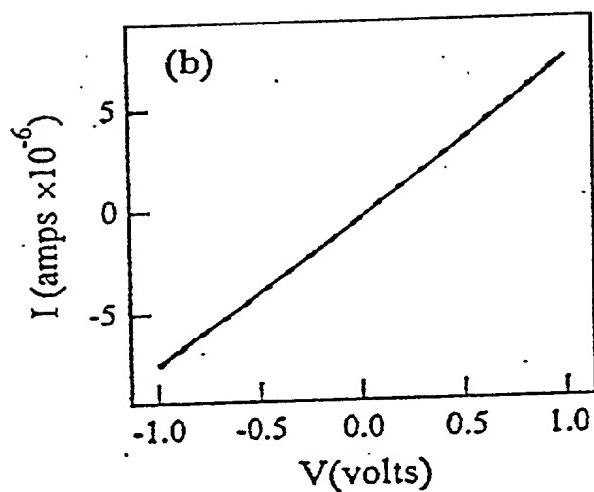


Second layer  
First layer  
FIG. 7D

**FIG. 8A****FIG. 8B****FIG. 8C**



**FIG. 9A**



**FIG. 9B**

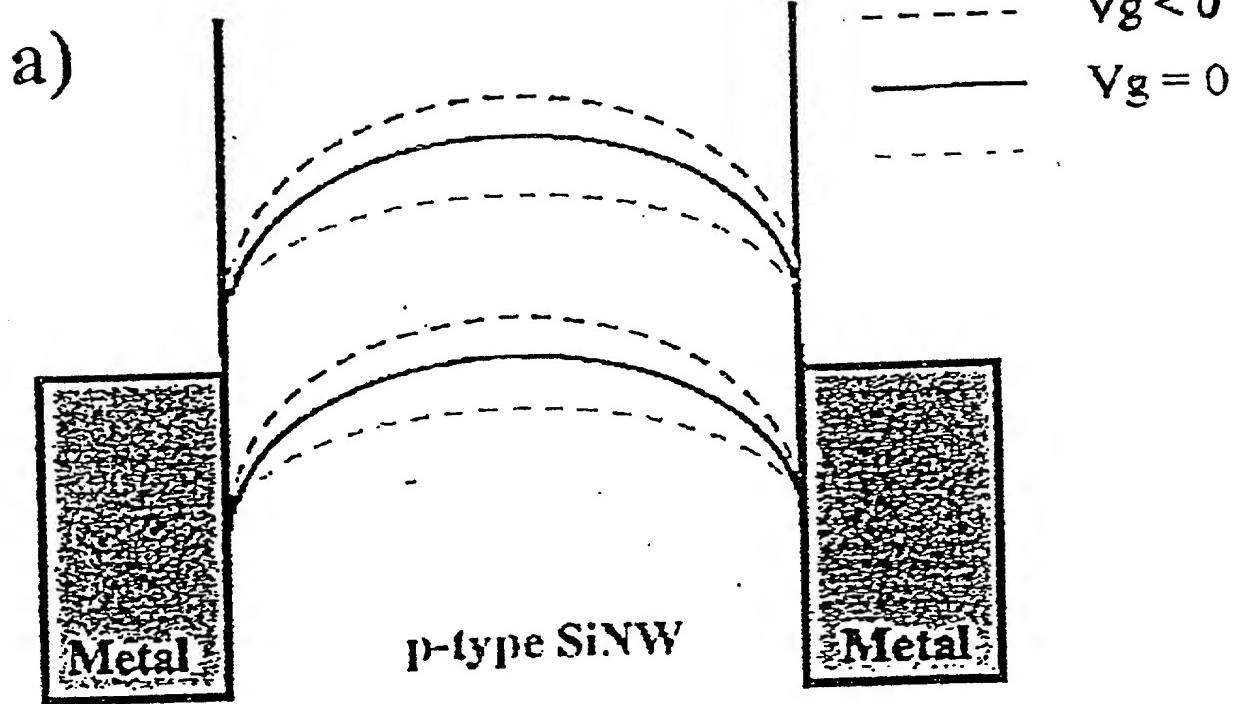


FIG. 10A

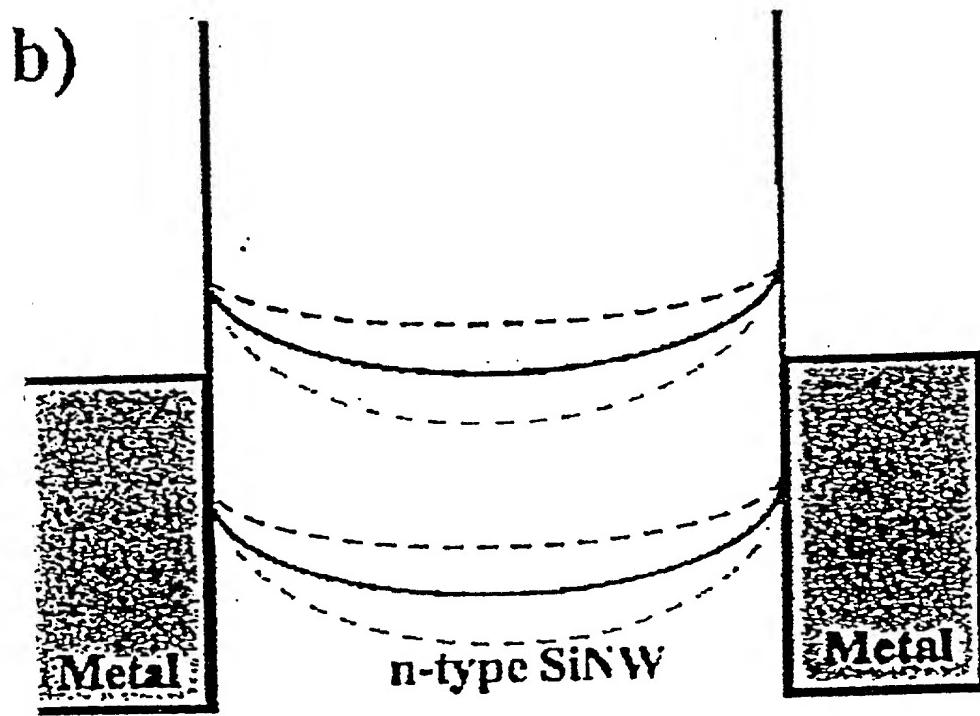
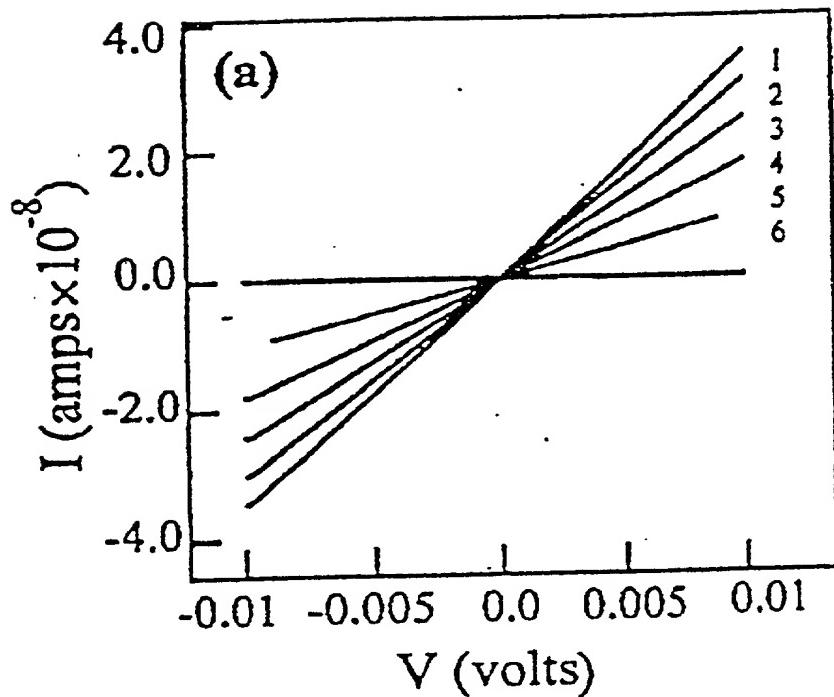
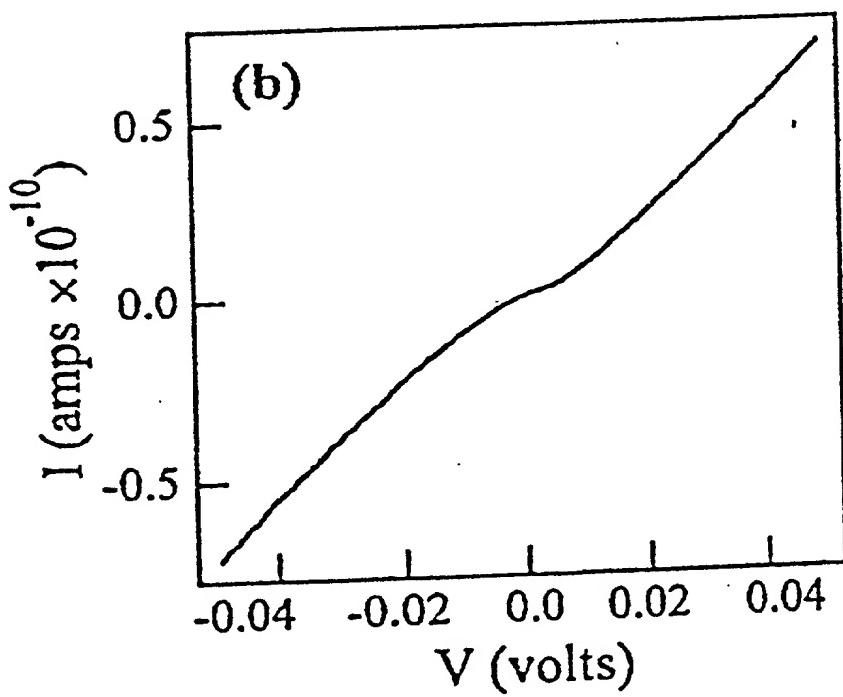


FIG. 10B

**FIG. 11A****FIG. 11B**

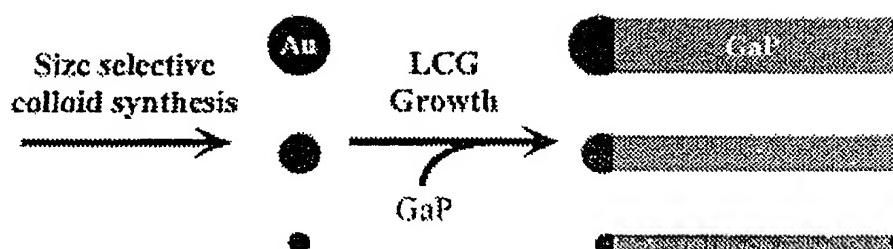
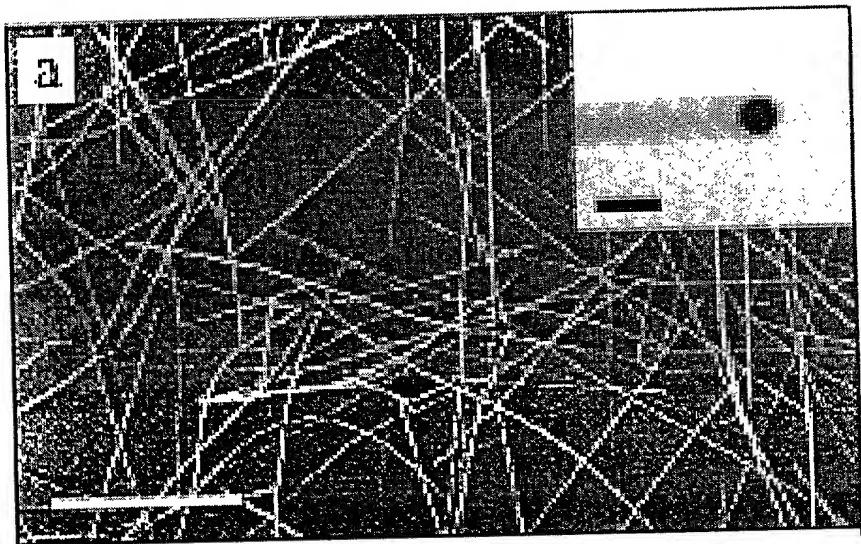
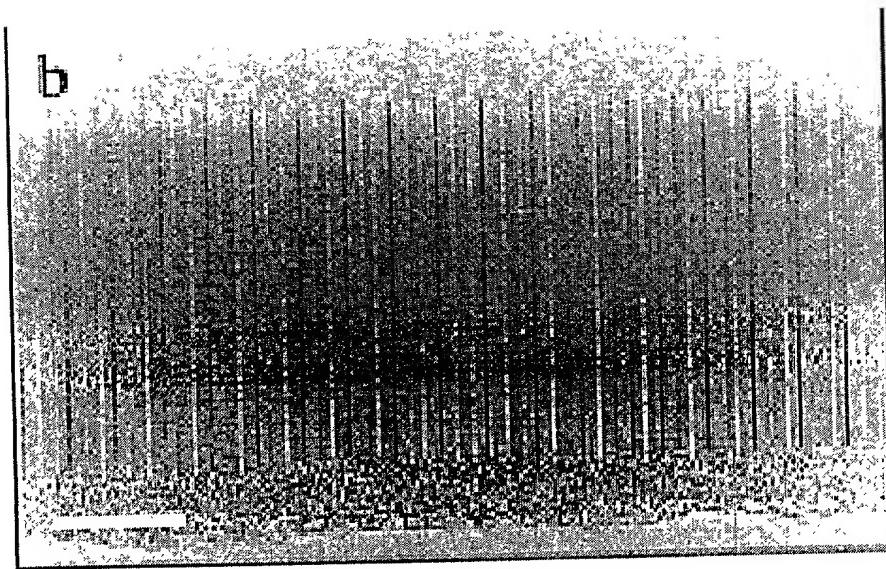


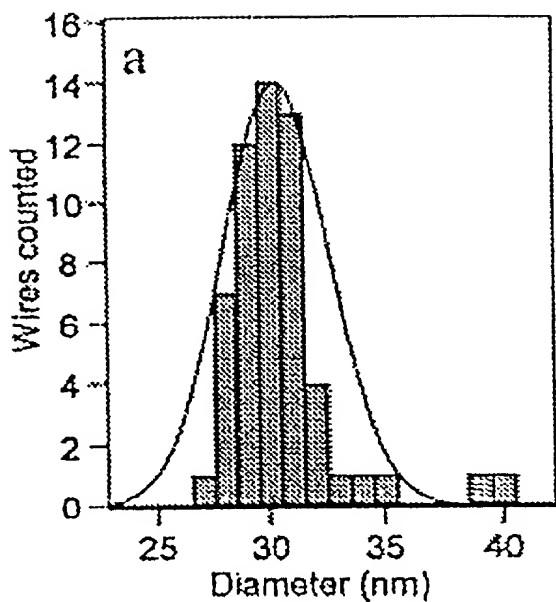
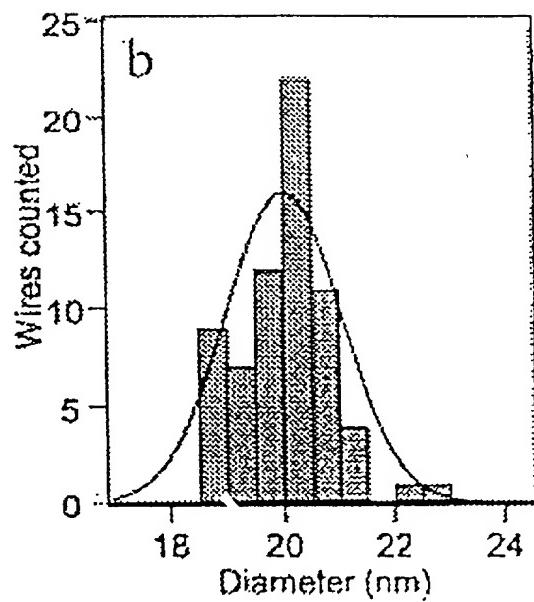
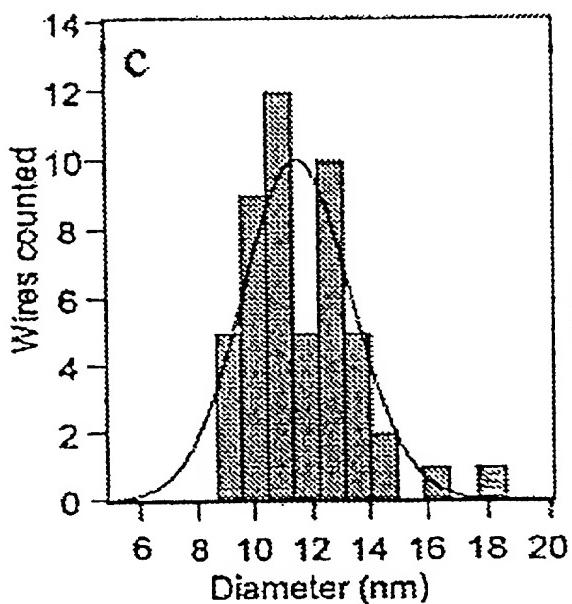
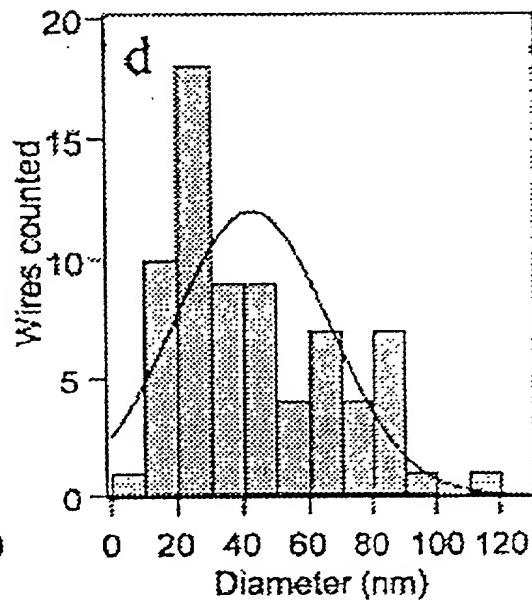
FIG. 12

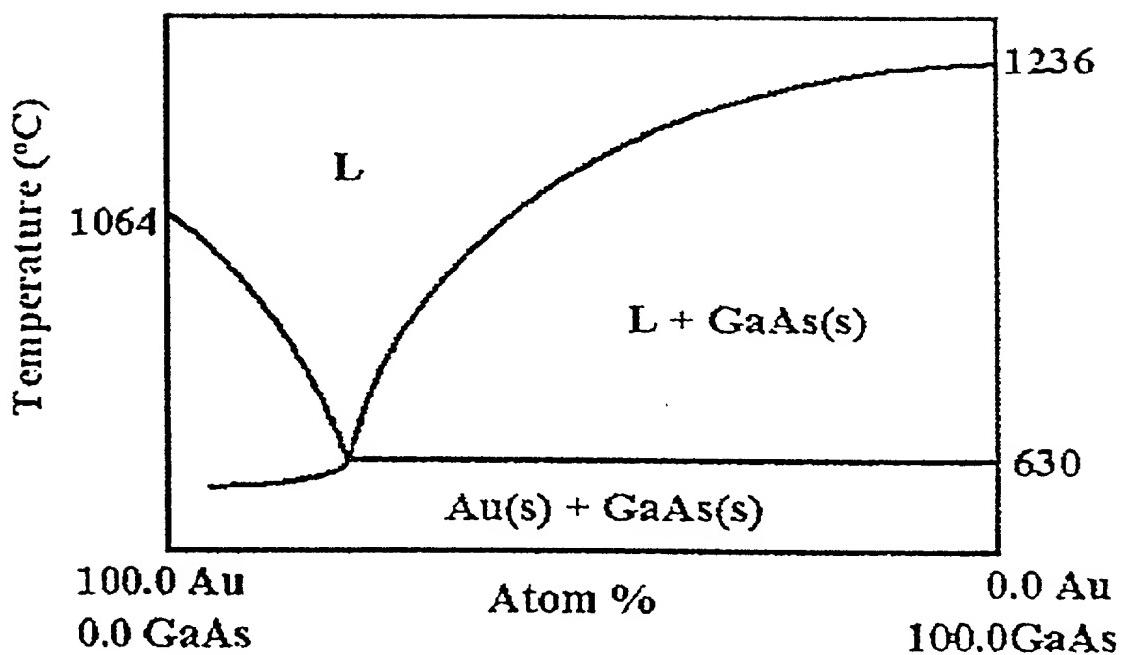


**FIG. 13A**

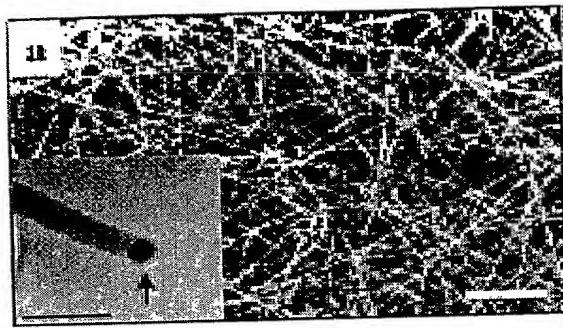


**FIG. 13B**

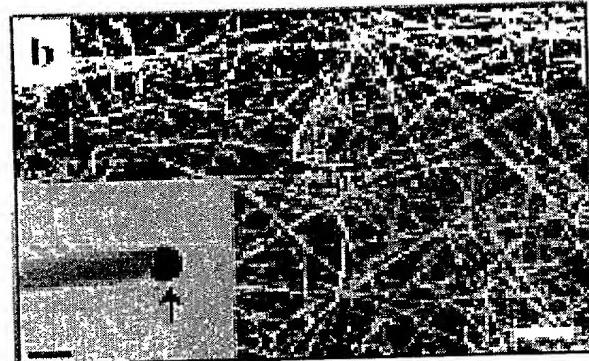
**FIG. 14A****FIG. 14B****FIG. 14C****FIG. 14D**



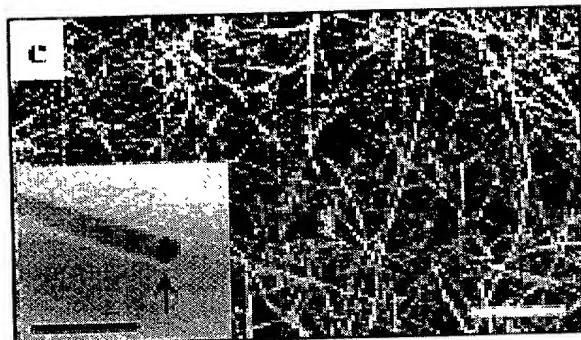
**FIG. 15**



**FIG. 16A**



**FIG. 16B**



**FIG. 16C**

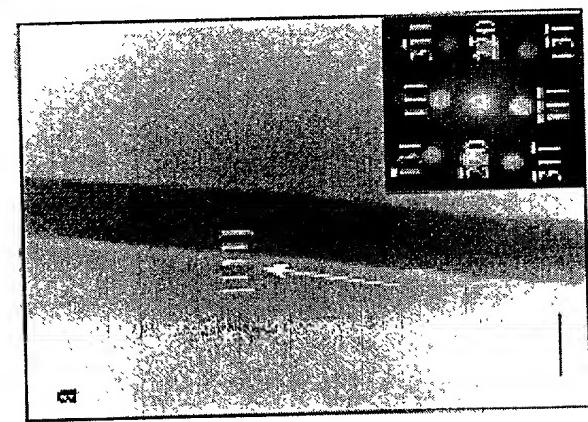


FIG. 17A

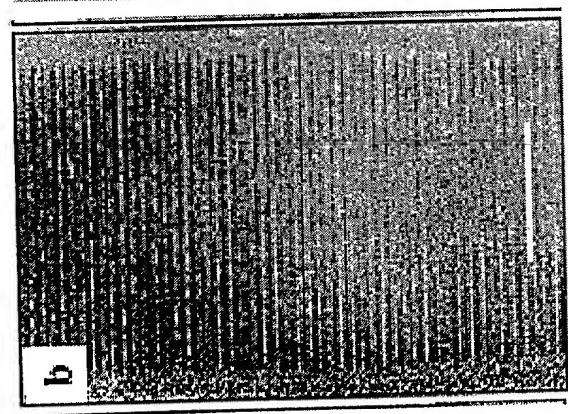


FIG. 17B

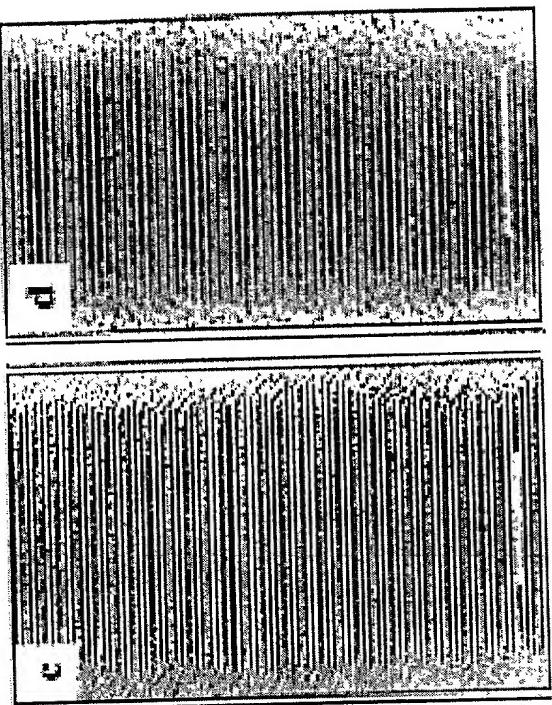
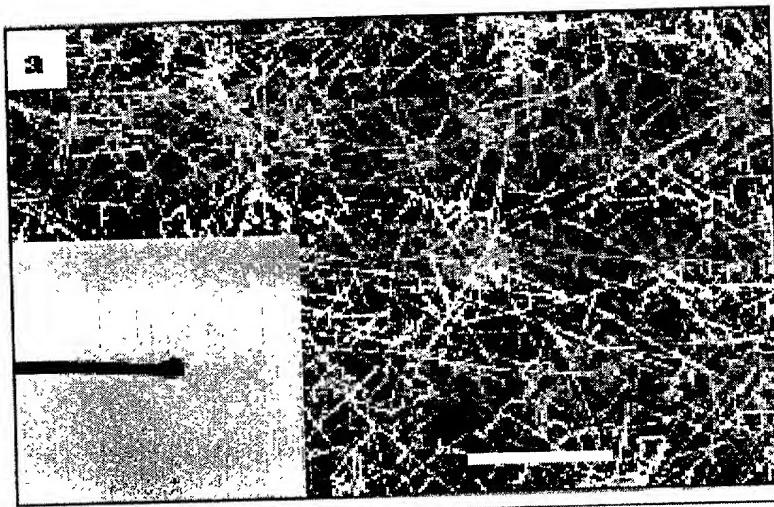
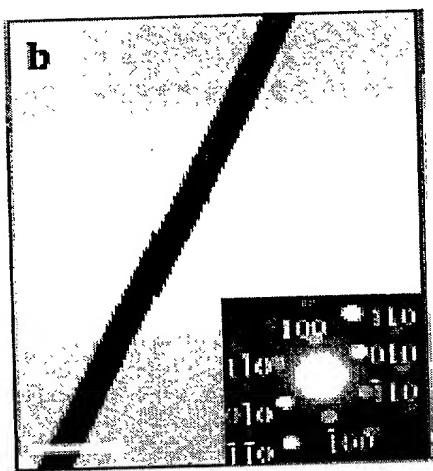
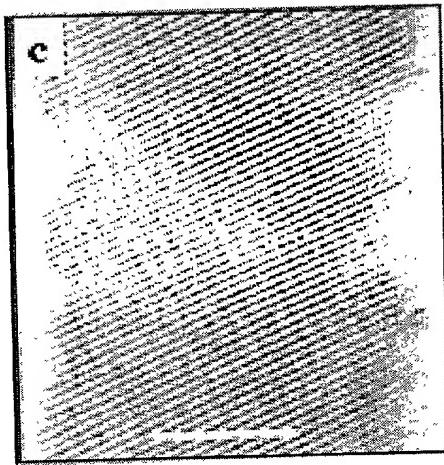


FIG. 17C



**FIG. 18A****FIG. 18B****FIG. 18C**

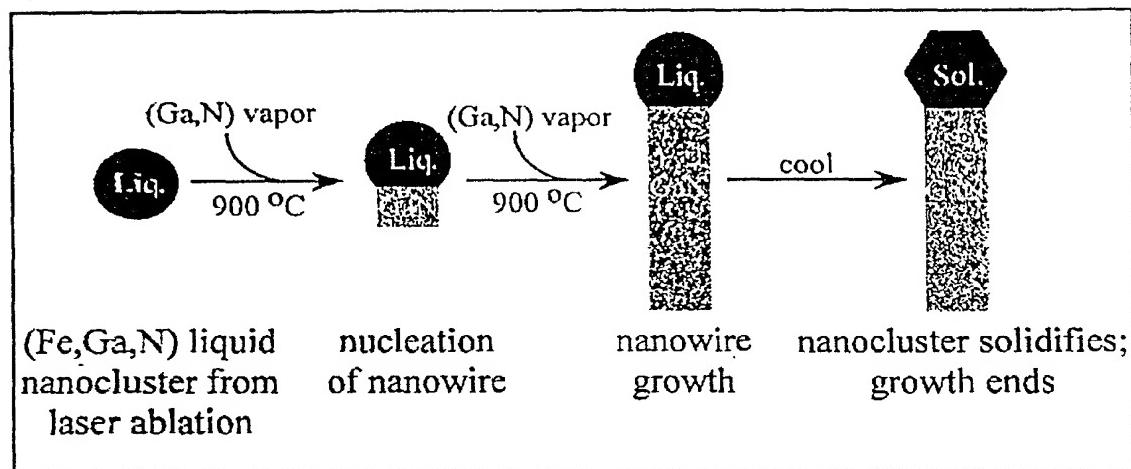


FIG. 19

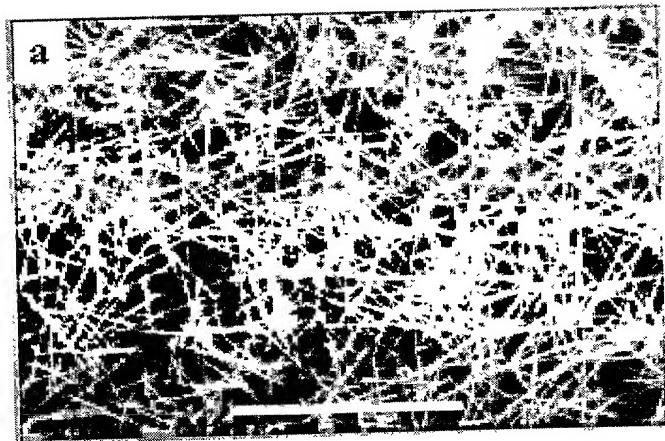


FIG. 20A

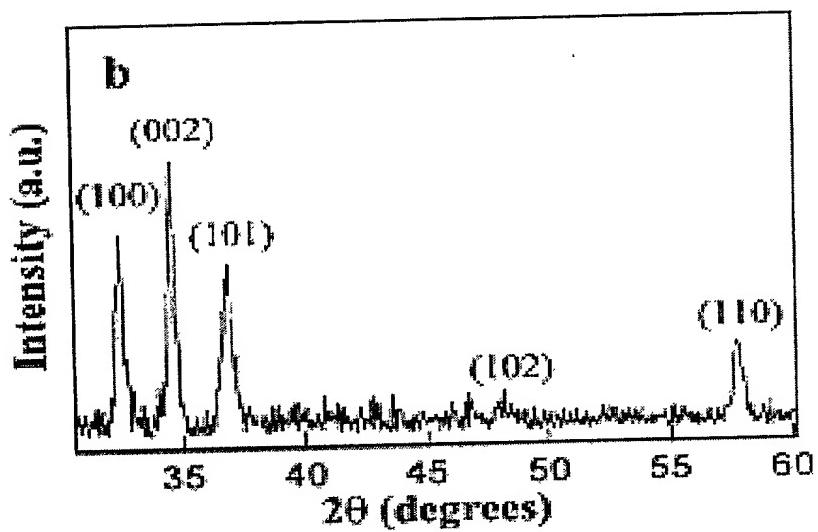


FIG. 20B

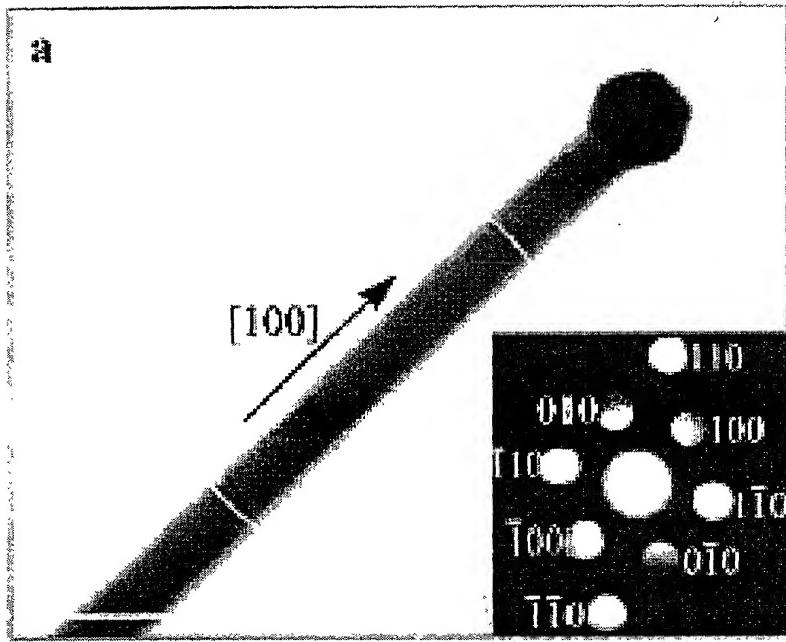


FIG. 21A

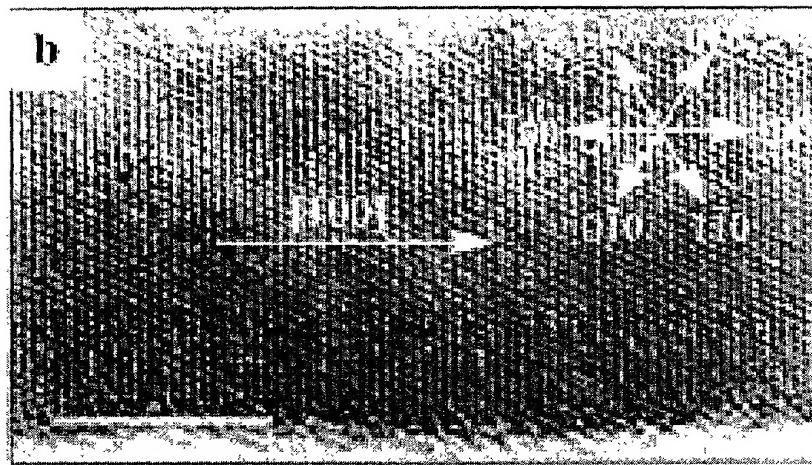


FIG. 21B

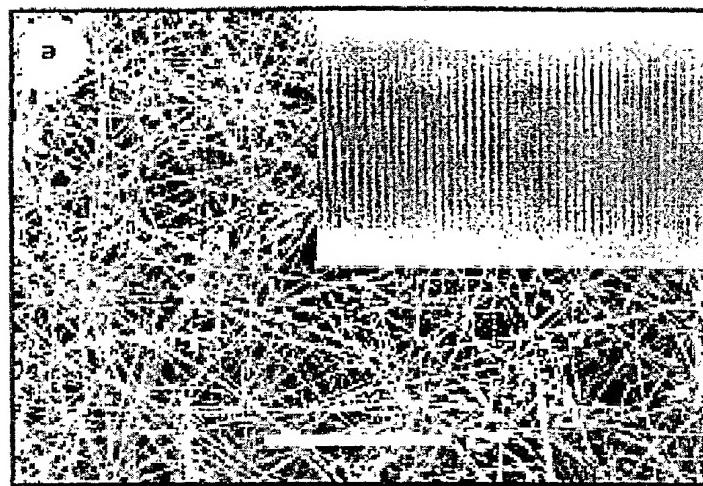


FIG. 22A

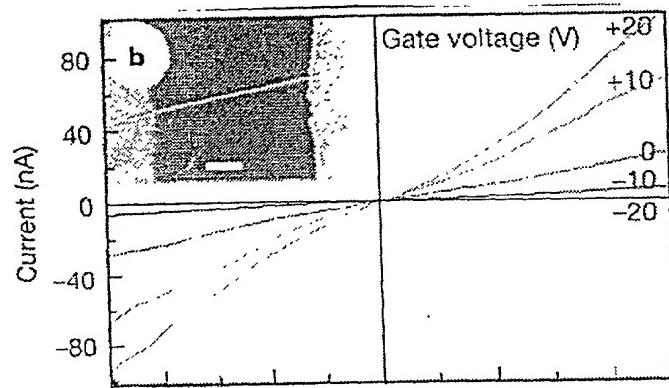


FIG. 22B

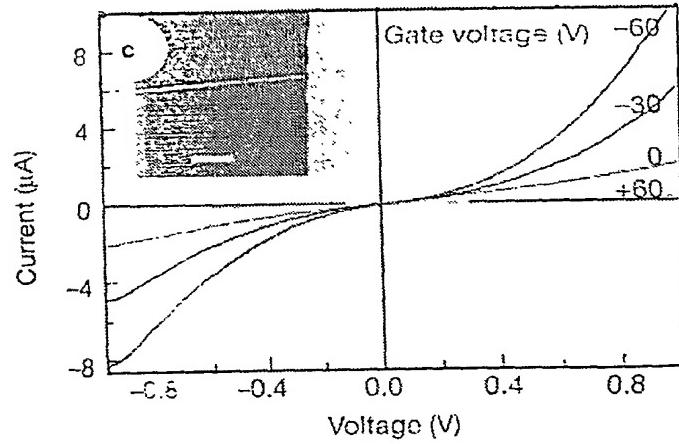
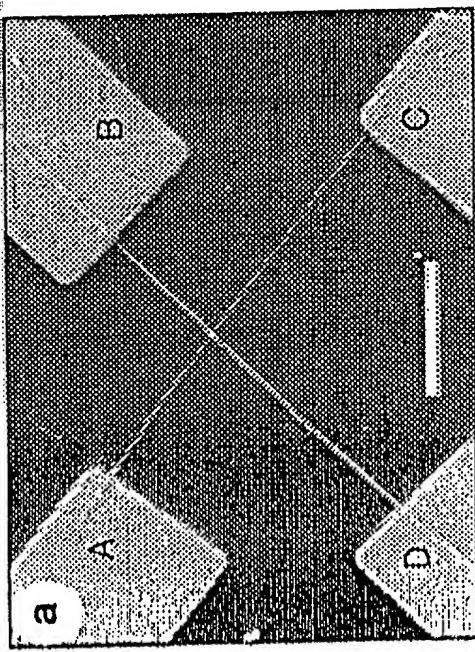
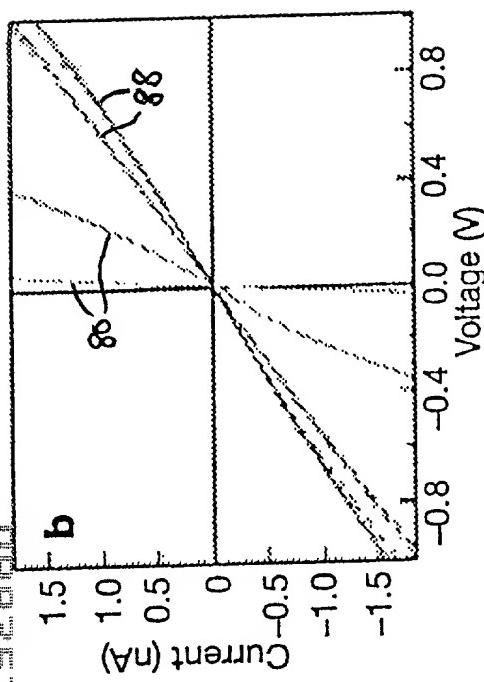
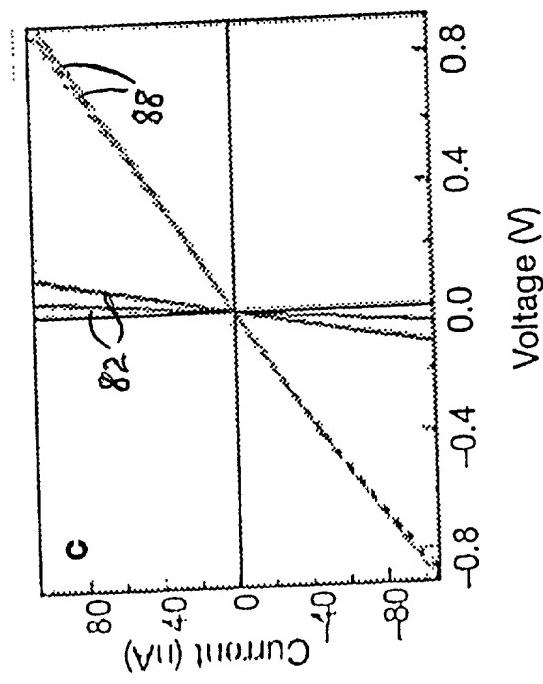
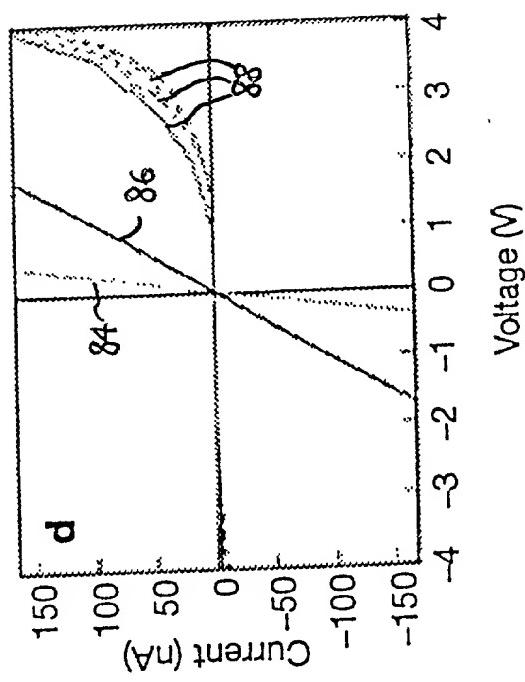
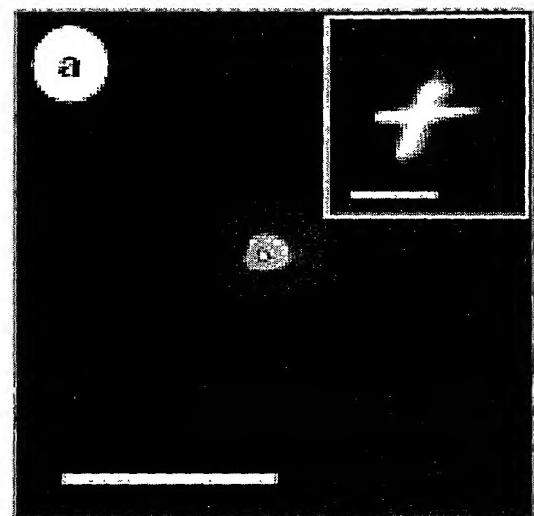
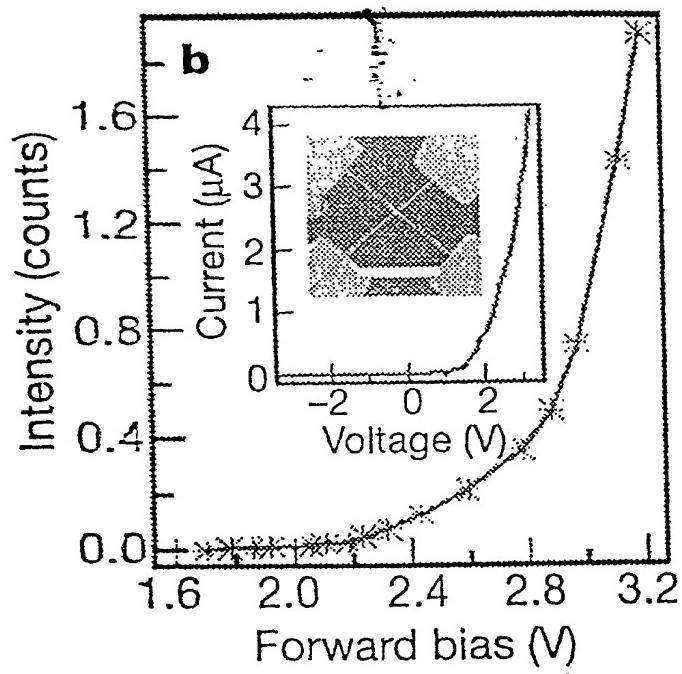
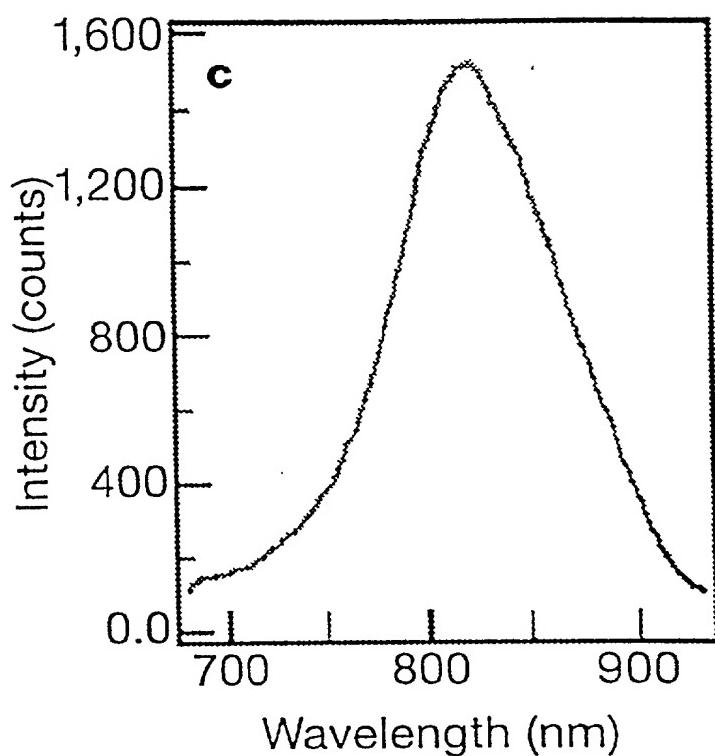


FIG. 22C

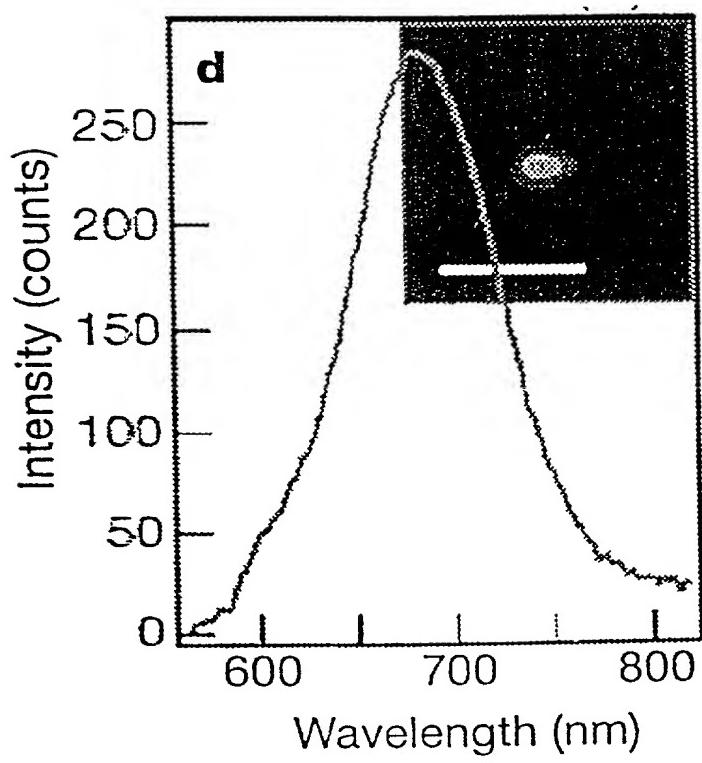
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**FIG. 23A****FIG. 23B****FIG. 23C****FIG. 23D**

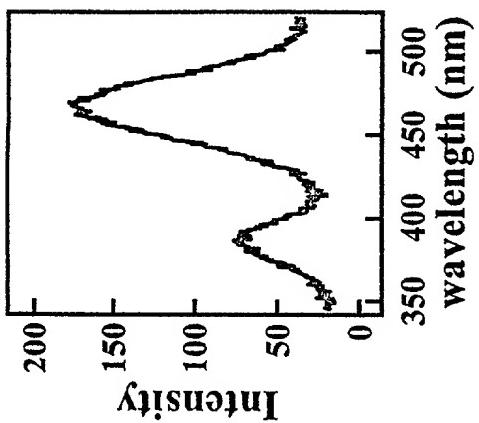
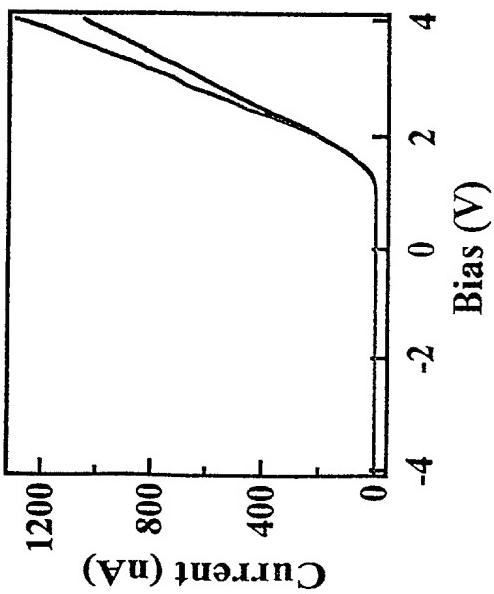
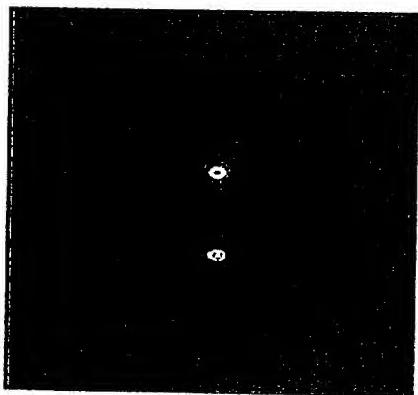
**FIG. 24A****FIG. 24B**

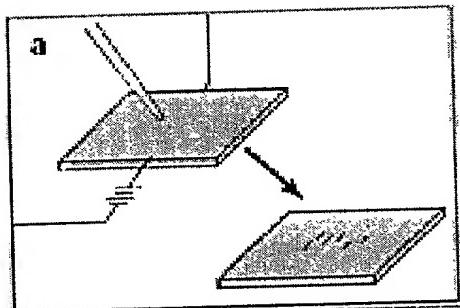
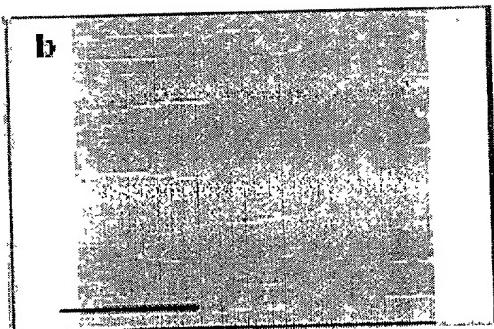
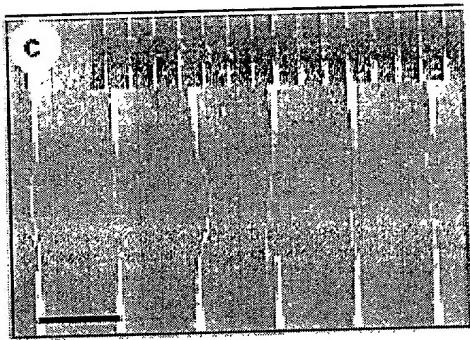
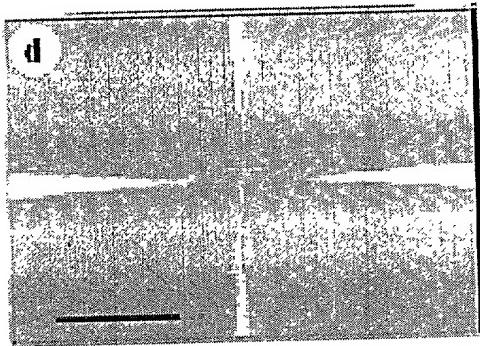


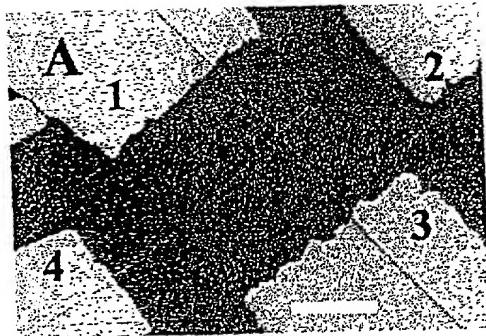
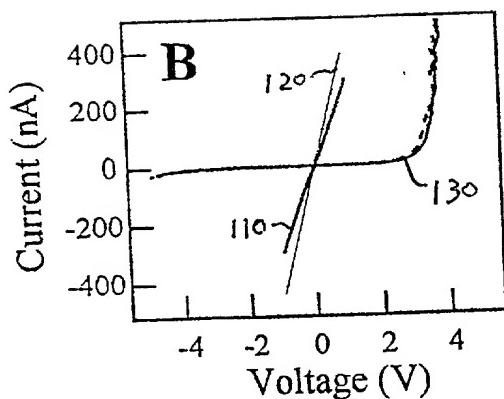
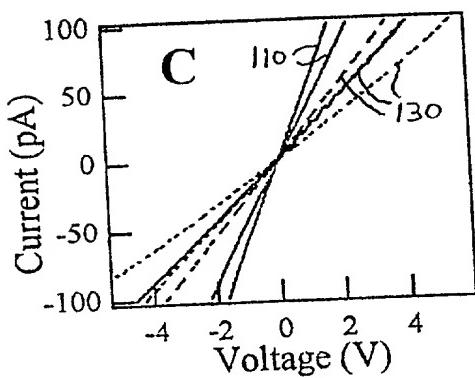
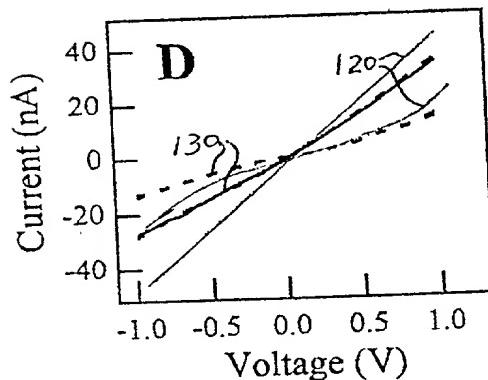
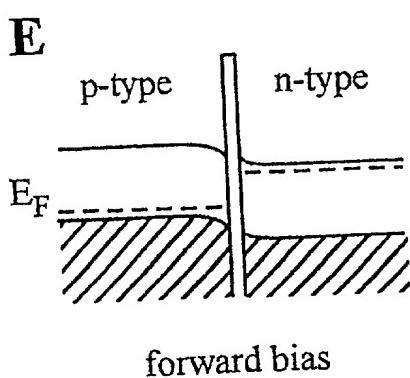
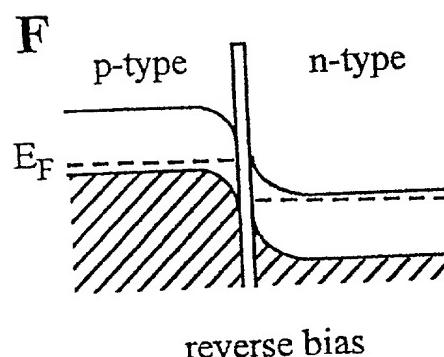
**FIG. 24C**

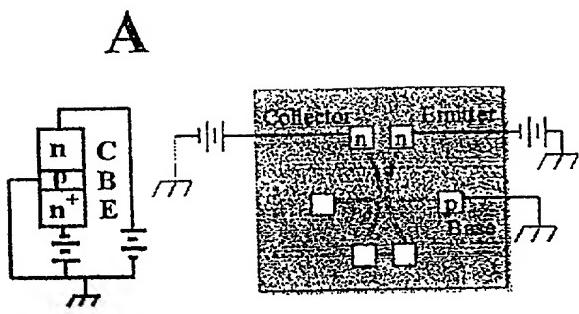
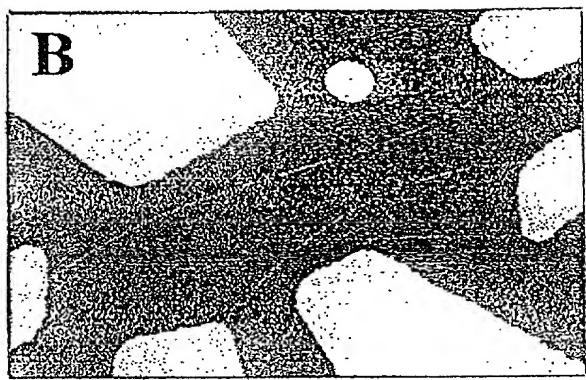
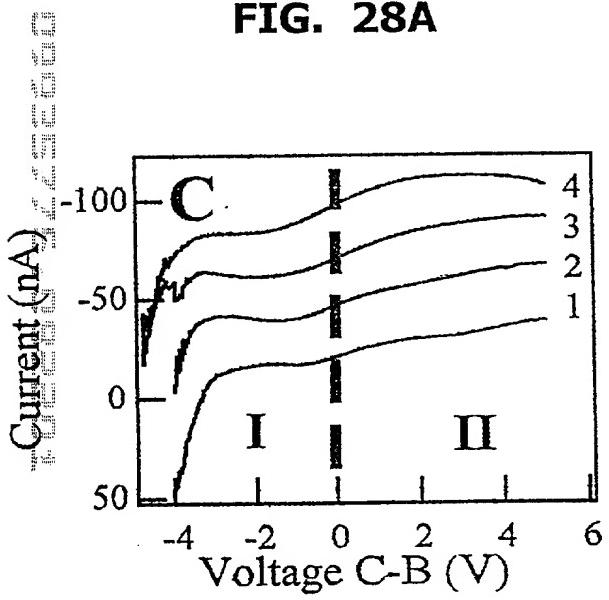
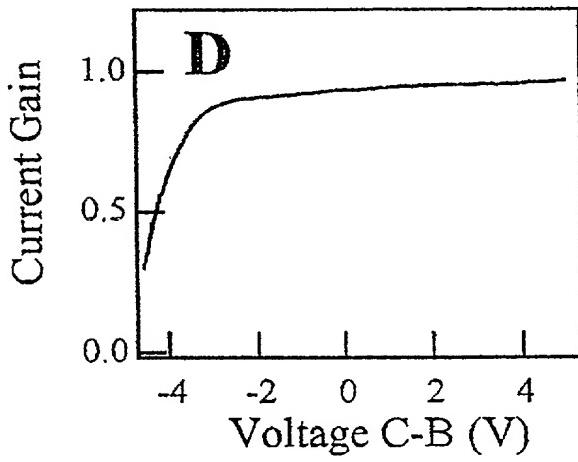


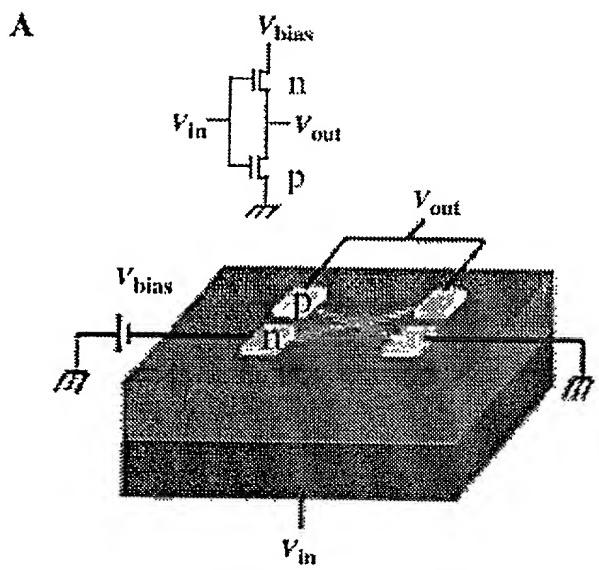
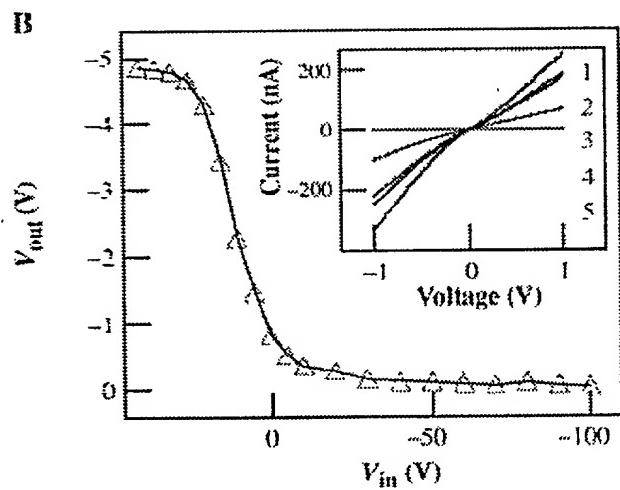
**FIG. 24D**

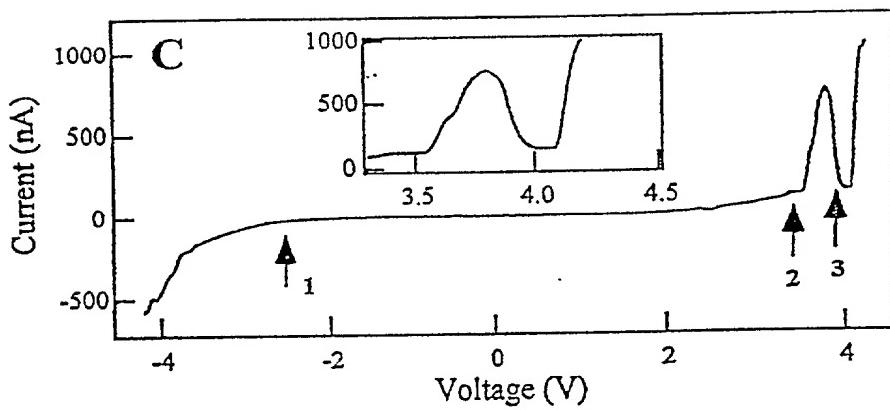
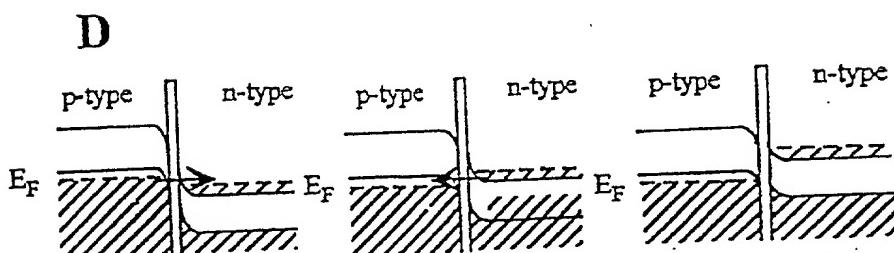
**FIG. 25C****FIG. 25B****FIG. 25A**

**FIG. 26A****FIG. 26B****FIG. 26A****FIG. 26B**

**FIG. 27A****FIG. 27B****FIG. 27C****FIG. 27D****FIG. 27E****FIG. 27F**

**FIG. 28A****FIG. 28B****FIG. 28C****FIG. 28D**

**FIG. 29A****FIG. 29B**

**FIG. 29C****FIG. 29D**

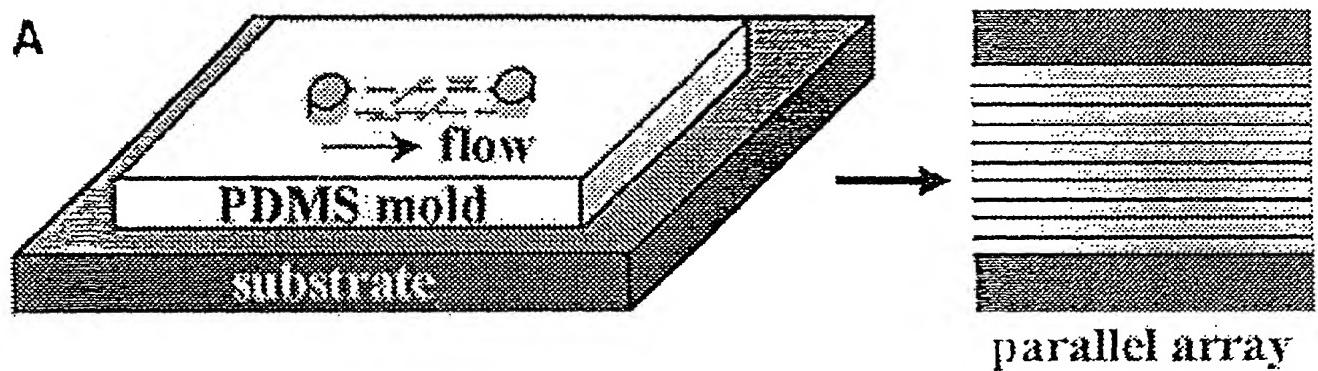


FIG. 30A

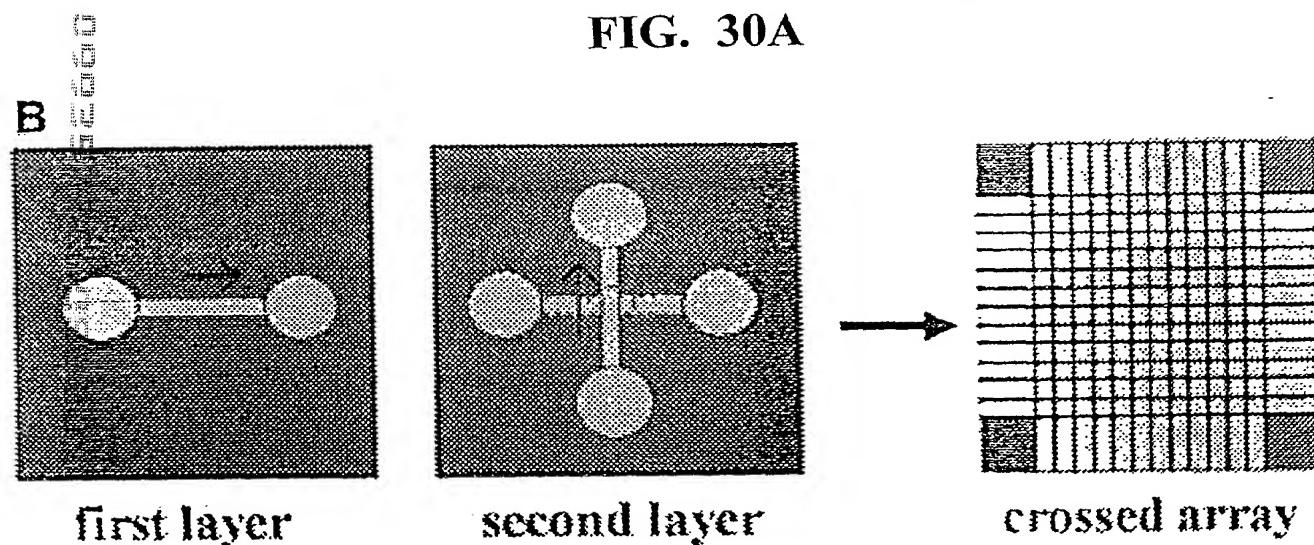
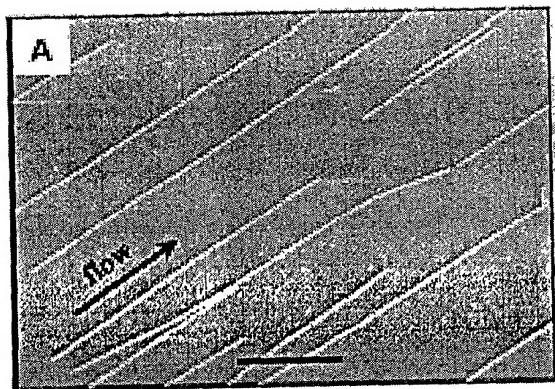
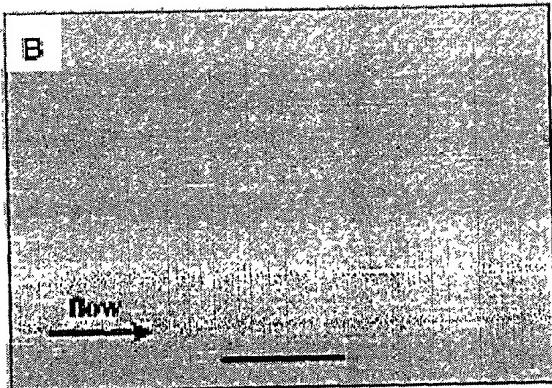
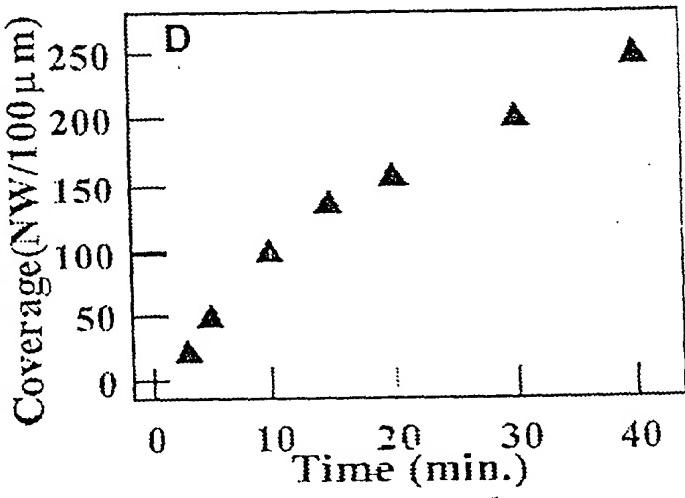
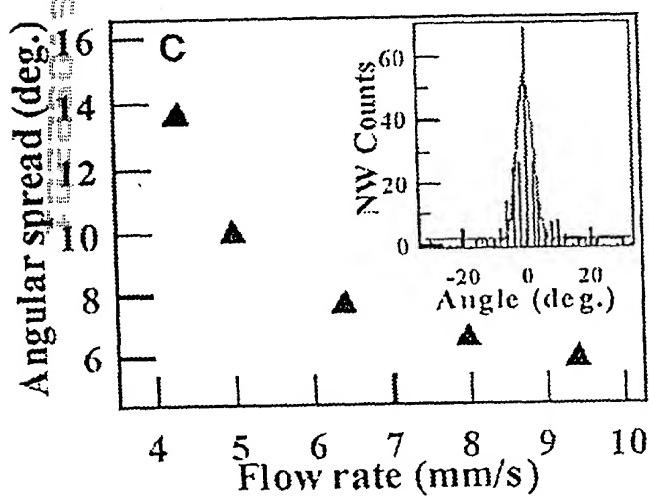
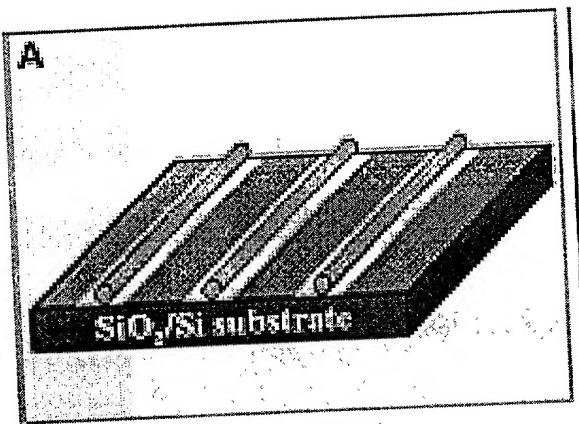
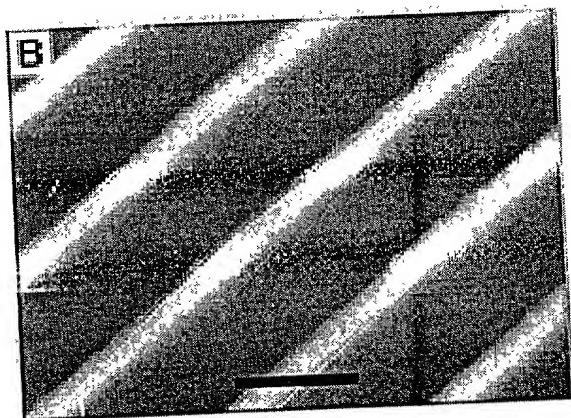


FIG. 30B

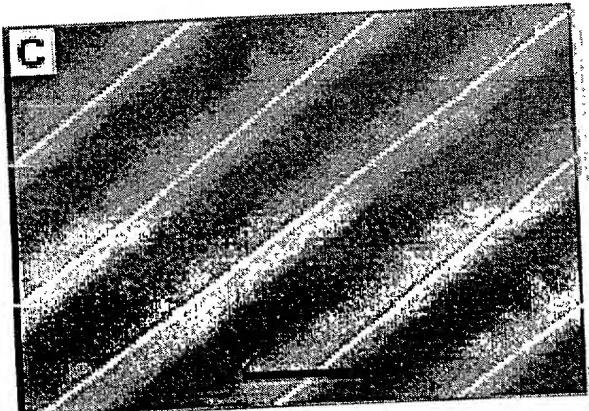
**FIG. 31A****FIG. 31B**



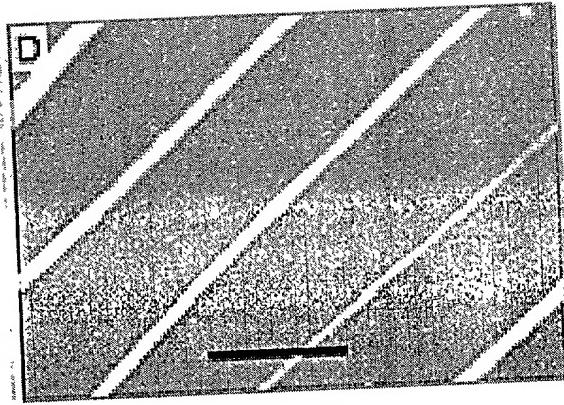
**FIG. 32A**



**FIG. 32B**



**FIG. 32C**



**FIG. 32D**

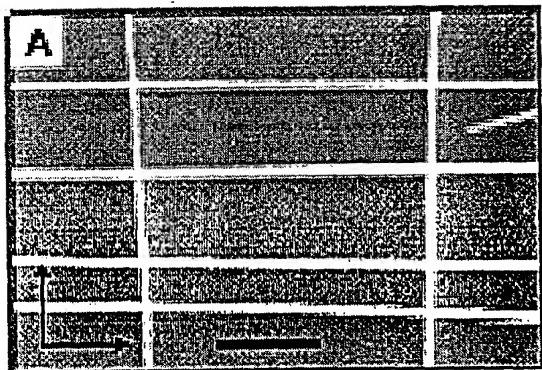


FIG. 33A

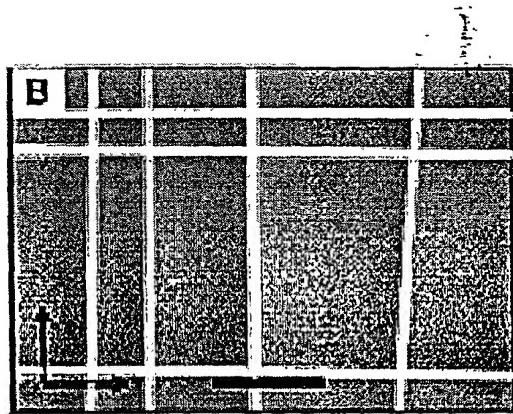


FIG. 33B

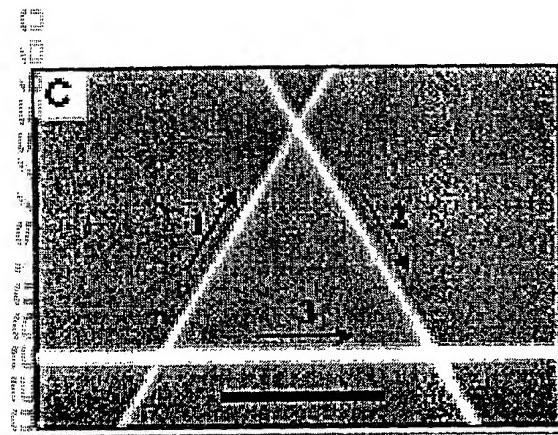


FIG. 33C

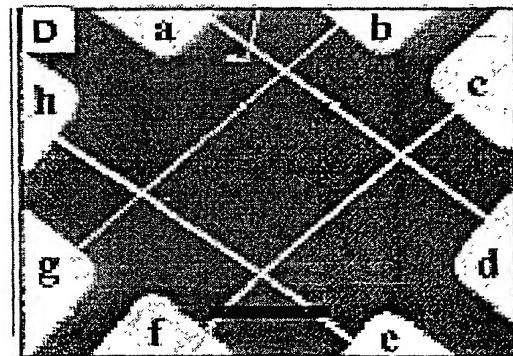


FIG. 33D

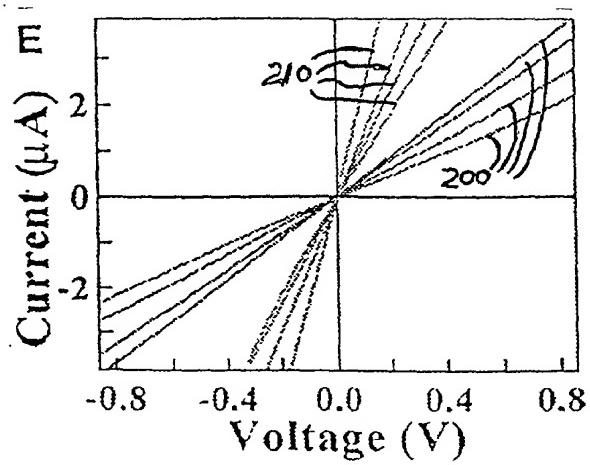


FIG. 33E